

**Gas Recovery Apparatus, Method and Cycle having a Three Chamber
Evacuation Phase and Two Liquid Extraction Phases for Improved
Natural Gas Production**

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Abstract of the Disclosure

10 Natural gas produced from a well by executing a multiple-phase gas recovery cycle which includes a phase during which a relatively lower evacuation pressure is applied within three chambers in the well to assist in accumulating liquids at a well bottom, followed by a liquid reduction phase which clears the liquid from two of the chambers while leaving the liquid in the third chamber. The remaining liquid is thereafter lifted in subsequent liquid capture and liquid removal phases. The liquid reduction phase clears the fluid from the well more effectively with less interruption in the production of gas from the well while maintaining the full gas productivity of the well.